

III. Amendments to The Claims

Claims 1-5 are Cancelled.

6. (Currently Amended) A sensing device attached at a pre-determined distance from a substrate comprising;
a first layer of a compliant adhesive attached to the substrate and having a pre-determined thickness;
a sensor mounted to said first layer of said compliant adhesive;
a second layer of said compliant adhesive disposed between said sensor and said first layer of said compliant adhesive to secure said sensor to said first layer of said compliant adhesive.

7. (Currently Amended) The sensing device of claim 6 wherein said first layer and said second layer of said compliant adhesive each have a thickness, said thickness of said second layer being less than said thickness of said first layer.

8. (Currently Amended) The sensing device of claim 7 wherein said compliant adhesive is a gasoline- resistant, silicon-based adhesive.

9. (Original) The sensing device of claim 8 wherein said sensor is a fuel tank pressure transducer mountable to the interior of a vehicle gasoline tank that senses vapor pressure within the gas tank.